

ABSTRACT

A fluorescent conversion medium including: fluorescent particles including semiconductor nanocrystals, the particles absorbing visible light to emit fluorescence of a different wavelength, and a transparent medium holding the fluorescent particles dispersed therein, and satisfying $0.4 < C \cdot d/r^3 < 5.0$ wherein r is the average diameter (unit: nm) of the fluorescent particles, d is the film thickness (unit: μm) of the fluorescent conversion medium, and C is the volume ratio (unit: vol%) of the fluorescent particles to the fluorescent conversion medium.